Haidong Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3159148/publications.pdf

Version: 2024-02-01

323	8,942	43973 48	66788 78
papers	citations	h-index	g-index

333	333	333	9094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiferroic Behavior Associated with an Orderâ^'Disorder Hydrogen Bonding Transition in Metalâ^'Organic Frameworks (MOFs) with the Perovskite ABX₃ Architecture. Journal of the American Chemical Society, 2009, 131, 13625-13627.	6.6	736
2	Continuous excitations of the triangular-lattice quantum spin liquid YbMgGaO4. Nature Physics, 2017, 13, 117-122.	6.5	276
3	Polar metals by geometric design. Nature, 2016, 533, 68-72.	13.7	262
4	Physical properties of HastelloyÂ® C-276â„¢ at cryogenic temperatures. Journal of Applied Physics, 2008, 103, .	1.1	174
5	Probing disorder in isometric pyrochlore and related complex oxides. Nature Materials, 2016, 15, 507-511.	13.3	164
6	Gapped itinerant spin excitations account for missing entropy in the hidden-order state of URu2Si2. Nature Physics, 2007, 3, 96-99.	6.5	162
7	Competition between ferromagnetic metallic and paramagnetic insulating phases in manganites. Journal of Applied Physics, 2002, 92, 1406-1410.	1.1	157
8	High-Pressure Sequence of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>NiSb</mml:mi><mml:m mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>Structural Phases: New<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:math>Quantum Triangular Lattice<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>CuSb</mml:mi><mml:m	2.9	133
9	Successive Phase Transitions and Extended Spin-Excitation Continuum in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mo mathvariant="bold">=</mml:mo><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>Triangular-Latt Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>CoSb</mml:mi><mml: Physical Review Letters, 2012, 109, 267206.	2.9	128
10	Tunable anomalous Hall conductivity through volume-wise magnetic competition in a topological kagome magnet. Nature Communications, 2020, 11, 559.	5.8	124
11	Magnetic properties of the geometrically frustrated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>antiferromagne	5.8	112
12	Thermal expansion coefficients of Bi2Se3 and Sb2Te3 crystals from 10 K to 270 K. Applied Physics Letters, 2011, 99, .	1.5	104
13	Attractive microwave-absorbing properties of La1â^'xSrxMnO3 manganite powders. Materials Chemistry and Physics, 2002, 75, 101-104.	2.0	100
14	Static and Dynamical Properties of the Spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math> Equila Triangular-Lattice Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mn>3</mml:mn>	2.9	99
15	Dynamic Spin Ice:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Pr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sn</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 101, 227204.	2.9	92
16	Itinerant Antiferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>RuO</mml:mi></mml:mrow><mml:mn>2</mml:mn> Physical Review Letters, 2017, 118, 077201.	2.9	89
17	Magnetic properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>3</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>geometrically frustrated double perovskites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub>	1.1	82

#	ARTICLE	IF	CITATIONS
19	Localized or itinerant TiO3electrons in RTiO3perovskites. Journal of Physics Condensed Matter, 2005, 17, 7395-7406.	0.7	80
20	Successive Magnetic Phase Transitions and Multiferroicity in the Spin-One Triangular-Lattice Antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Nb</mml:mi><mml: mathvariant="bold">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 257205.	2.9	74
21	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn></mml:mrow></mm Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.	2.9	73
22	Magnetic order and ice rules in the multiferroic spinel FeV<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	72
23	Di-, Tri-, and Tetranuclear Nickel(II) Complexes with Oximato Bridges: Magnetism and Catecholase-like Activity of Two Tetranuclear Complexes Possessing Rhombic Topology. Inorganic Chemistry, 2013, 52, 11744-11757.	1.9	72
24	Quantum phase diagram of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn>1</mml:mn antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml: mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	1.1	71
25	Ground state and magnetic phase transitions of orthoferrite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>DyFeO</mml:mtext><mml:mn>3</mml:mn></mml: Physical Review B, 2014, 89, .	1.1	68
26	Chemical Pressure Effects on Pyrochlore Spin Ice. Physical Review Letters, 2012, 108, 207206.	2.9	67
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Co</mml:mi><mml:mo stretchy="false">[</mml:mo><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false">]</mml:mo><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: A Spinel Approaching the Itinerant Electron Limit. Physical Review Letters, 2011, 106, 056602.	2.9	66
28	High pressure route to generate magnetic monopole dimers in spin ice. Nature Communications, 2011, 2, 478.	5.8	65
29	A novel method combining additive manufacturing and alloy infiltration for NdFeB bonded magnet fabrication. Journal of Magnetism and Magnetic Materials, 2017, 438, 163-167.	1.0	65
30	Jahn-Teller effect and stability of the charge-ordered state in La 1 â^' x Ca x MnO 3 (0.5 â©½ x â©½ 0.9) manganites. Europhysics Letters, 2002, 60, 670-676.	0.7	64
31	Structure and magnetic properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>geometr frustrated double perovskites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu [illegible]	1.1	64
32	Magnetic Ground States of the Rare-Earth Tripod Kagome Lattice<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Mg</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review Letters, 2016, 116, 157201.	2.9	63
33	Ba₃NbFe₃Si₂O₁₄: A New Multiferroic with a 2D Triangular Fe³⁺ Motif. Chemistry of Materials, 2009, 21, 156-159.	3.2	62
34	Dimethylammonium copper formate [(CH3)2NH2]Cu(HCOO)3: A metal-organic framework with quasi-one-dimensional antiferromagnetism and magnetostriction. Physical Review B, 2013, 87, .	1.1	62
35	Origin of the phase transition in IrTe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: Structural [illegible] Physical Review B, 2013, 88, .	1.1	62
36	Liquidlike correlations in single-crystalline Y<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Mo<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>7</mml:mn><	1.1	62

#	Article	IF	Citations
37	The nature of spin excitations in the one-third magnetization plateau phase of Ba3CoSb2O9. Nature Communications, 2018, 9, 2666.	5.8	62
38	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. Nature Astronomy, 2021, 5, 465-471.	4.2	62
39	Magnetoelectric effect in NdCrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	1.1	61
40	Magnetic phase diagram and multiferroicity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">MnNb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>: A spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math> antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	60
41		1.1	60
42	Machine-learning-assisted insight into spin ice Dy2Ti2O7. Nature Communications, 2020, 11, 892.	5.8	58
43	Chemical pressure effects on magnetism in the quantum spin liquid candidates Yb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>X</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow		

#	Article	IF	Citations
55	Tuning Ferro- and Metamagnetic Transitions in Rare-Earth Cobalt Phosphides La_{1â^'<i>x</i>}Pr_{<i>x</i>}Co₂P₂. Chemistry of Materials, 2010, 22, 1704-1713.	3.2	45
56	Magnetic phase diagram of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math>as determined by ultrasound velocity measurements. Physical Review B, 2015, 92, .	1.1	45
57	Phonon-glass-like behavior of magnetic origin in single-crystal Tb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn	1.1	44
58	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>8</mml:mn></mml:m mathvariant="normal">O</mml:mi><mml:mn>24</mml:mn></mml:msub></mml:mrow></mml:math>: A spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml Heisenberg antiferromagnet in the two-dimensional limit. Physical Review B, 2017, 95, .	1.1	43
59	Possible itinerant excitations and quantum spin state transitions in the effective spin-1/2 triangular-lattice antiferromagnet Na2BaCo(PO4)2. Nature Communications, 2020, 11, 4216.	5.8	43
60	M_{3â^'<i>x</i>}(NH₄)_{<i>x</i>}CrO₈ (M = Na, K, Rb, Cs): A New Family of Cr⁵⁺-Based Magnetic Ferroelectrics. Journal of the American Chemical Society, 2011, 133, 3792-3795.	6.6	42
61	Antiferromagnetic order in the pyrochlores<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>R</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m mathvariant="normal">Ge</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mi		

#	Article	IF	Citations
73	Kondo Physics near a Metal-Insulator Crossover in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>-Site Ordered Perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaCu</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Ir</mml:mi><mml:m	2.9	33
74	Static and dynamic magnetic properties of honeycomb lattice antiferromagnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Na</mml:mi></mml:mrow><m , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>M</mml:mi><mml:mo>=</mml:mo><mml:mi>Co</mml:mi></mml:mat and Ni. Physical Review B, 2021, 104, .	1.1	33
75	Semiconductor-semiconductor transition inMg[Ti2]O4. Physical Review B, 2005, 72, .	1.1	32
76	Spin glass transitions in the absence of chemical disorder for the pyrochlores A2Sb2O7 (A=Mn, Co,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	32
77	Metal to Semimetal Transition in CaMgSi Crystals Grown from Mgâ^'Al Flux. Chemistry of Materials, 2010, 22, 1846-1853.	3.2	32
78	Orbital Fluctuations and Orbital Flipping in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi><mml:msub><mml:mi>VO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>Perovskit Physical Review Letters, 2007, 99, 197201.	2.9	31
79	Quantum Oscillations at Integer and Fractional Landau Level Indices in Single-Crystalline ZrTe5. Scientific Reports, 2016, 6, 35357.	1.6	31
80	Evidence for Dyakonov-Perel-like Spin Relaxation in Pt. Physical Review Letters, 2018, 120, 067204.	2.9	31
81	Momentum-resolved observations of the phonon instability driving geometric improper ferroelectricity in yttrium manganite. Nature Communications, 2018, 9, 15.	5.8	30
82	Hybridized quadrupolar excitations in the spin-anisotropic frustrated magnet FeI2. Nature Physics, 2021, 17, 467-472.	6.5	30
83	Partial Field-Induced Magnetic Order in the Spin-Liquid KagomÃ©<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Nd</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Ga</mml:mi><mml:m Physical Review Letters, 2007, 99, 236401.	2.9	29
84	Aging, memory, and nonhierarchical energy landscape of spin jam. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11806-11810.	3.3	29
85	Revisiting the Kitaev material candidacy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Ir</mml:mi></mml:mrow><mml:mrow><m double perovskite iridates. Physical Review B, 2019, 99, .	1.1	29
86	Unconventional spin glass behavior in the cubic pyrochlore Mn₂Sb₂O₇. Journal of Physics Condensed Matter, 2008, 20, 325201.	0.7	28
87	Electronic behavior of three oxygen non-stoichiometric Fe4+/Fe3+ oxoperovskites. Journal of Solid State Chemistry, 2005, 178, 3679-3685.	1.4	27
88	Yb2Sn2O7: A magnetic Coulomb liquid at a quantum critical point. Physical Review B, 2013, 87, .	1.1	27
89	Tuning the Magnetic Exchange via a Control of Orbital Hybridization in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Cr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></		

#	Article	IF	Citations
91	Polaron morphologies in SrFe1â^'xTixO3â^'Î´. Journal of Solid State Chemistry, 2004, 177, 1952-1957.	1.4	26
92	Ac susceptibility and⁵¹V NMR study of MnV₂O₄. Journal of Physics Condensed Matter, 2008, 20, 135218.	0.7	26
93	Frustrated spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml molecular magnetism in the mixed-valence antiferromagnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow><mml:mspace width. Physical Review B, 2017, 95, .	1.1	26
94	Unraveling the Topological Phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></m via Magnetoinfrared Spectroscopy. Physical Review Letters, 2020, 125, 046403.	2.9	26
95	Magnetically driven phonon instability enables the metalâ€“insulator transition in h-FeS. Nature Physics, 2020, 16, 669-675.	6.5	26
96	Spin-Glass Behavior in LaFe_xCo_{2â€“x}P₂ Solid Solutions: Interplay Between Magnetic Properties and Crystal and Electronic Structures. Inorganic Chemistry, 2011, 50, 10274-10283.	1.9	25
97	Absence of long-range magnetic ordering in the pyrochlore compound Er₂Sn₂O₇. Journal of Physics Condensed Matter, 2011, 23, 382201.	0.7	25
98	Structural transition and orbital glass physics in near-itinerantCoV2O4. Physical Review B, 2016, 93, .	1.1	25
99	Magnetism out of antisite disorder in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>J</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:m compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml Physical Review B, 2017, 96, .	1.1	25
100	Magnetic properties of the triangular lattice magnets A4Bâ€²B2O12 (A=Ba , Sr, La; Bâ€²=Co , Ni, Mn; B=W , Re). Physical Review B, 2017, 95, .	1.1	25
101	Pressure-tunable large anomalous Hall effect of the ferromagnetic kagome-lattice Weyl semimetal Co3Sn2S2. Physical Review B, 2019, 100, .	1.1	25
102	Magnetic-polaron-driven magnetoresistance in the pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Lu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	1.1	24
103	Itinerant spin excitations near the hidden order transition in URu₂Si₂. Journal of Physics Condensed Matter, 2009, 21, 192202.	0.7	24
104	Coexistence of coupled magnetic phases in epitaxial TbMnO3 films revealed by ultrafast optical spectroscopy. Applied Physics Letters, 2012, 101, .	1.5	24
105	Research Update: Magnetic phase diagram of EuTi1â^'xBxO3 (B = Zr, Nb). APL Materials, 2014, 2, .	2.2	24
106	Magnetic Frustration Driven by Itinerancy in Spinel CoV2O4. Scientific Reports, 2017, 7, 17129.	1.6	24
107	Absorption of microwaves in La1â^'xSrxMnO3 manganese powders over a wide bandwidth. Journal of Applied Physics, 2001, 90, 5512-5514.	1.1	23
108	Paramagnetic ground state with field-induced partial order in Nd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Ga<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>SiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	23

#	ARTICLE	IF	CITATIONS
109	Structural and magnetic phase transitions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>EuTi</mml:mtext><mml:mrow><mml:mi Physical Review B, 2015, 92, .	1.1	23
110	Long-range magnetic order in the Heisenberg pyrochlore antiferromagnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	1.1	23
111	Chemical Pressure Induced Spin Freezing Phase Transition in Kagome Pr Langasites. Physical Review Letters, 2009, 102, 067203.	2.9	22
112	Strong competition between orbital ordering and itinerancy in a frustrated spinel vanadate. Physical Review B, 2015, 91, .	1.1	22
113	Rotation of magnetocrystalline easy axis in Ca2Fe2O5. Solid State Sciences, 2005, 7, 656-659.	1.5	21
114	Two inequivalent sublattices and orbital ordering inMnV2O4studied byV51NMR. Physical Review B, 2009, 80, .	1.1	21
115	Incipient Ferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Tb</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: Application of Chemical Pressure to the Enigmatic Spin-Li. Physical Review Letters, 2014, 113, 267205.	2.9	21
116	Excess-hole induced high temperature polarized state and its correlation with the multiferroicity in single crystalline DyMnO3. Applied Physics Letters, 2014, 105, 052906.	1.5	21
117	Magnon spectra and strong spin-lattice coupling in magnetically frustrated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Mn</mml:mi><mml:msub><mml:mi>B</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rg BT /Overlo Inelastic light-scattering studies. Physical Review B, 2014, 89, .	1.1	21
118	Long-range antiferromagnetic order in the frustrated<i>XY</i>pyrochlore antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>Er</mml:mtext><mml:mn>2</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>Ge</mml:mtext><mml:mn>2</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>O</mml:mtext><mml:mn>7</mml:mn></mml:msub> Physical Review B, 2014, 89, .	1.1	21
119	Revisiting the ground state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">CoAl</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> : Comparison to the conventional antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="b	1.1	21
120	Robust pinning of magnetic moments in pyrochlore iridates. Physical Review B, 2017, 96, .	1.1	21
121	Ultrasonic study on charge ordering, magnetic, and structural changes in La0.25Ca0.75Mn0.93Cr0.07O3. Applied Physics Letters, 2000, 76, 1173-1175.	1.5	20
122	The effect of phase separation on charge ordering state in La1â˘xCaxMnO3 (x=1/2, 2/3, and 3/4). Solid State Communications, 2002, 122, 507-510.	0.9	20
123	Specific heat of geometrically frustrated and multiferroicRMn1â˘xGaxO3(R=Ho,Y). Physical Review B, 2006, 74, .	1.1	20
124	Orbital fluctuations in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>Mott insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub	1.1	20
125	High-pressure synthesis and characterization of the effective pseudospinS=1/2XY pyrochloresR2Pt2O7(R=Er,Yb). Physical Review B, 2016, 93, .	1.1	20
126	Landau Quantization in Coupled Weyl Points: A Case Study of Semimetal NbP. Nano Letters, 2018, 18, 7726-7731.	4.5	20

#	Article	IF	Citations
127	Tunable Quantum Spin Liquidity in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>6</mml:mn></mml:mrow></mml:math>th-Filled Breathing Kagome Lattice. Physical Review Letters, 2018, 120, 227201.	2.9	20
128	Survival of itinerant excitations and quantum spin state transitions in YbMgGaO4 with chemical disorder. Nature Communications, 2021, 12, 4949.	5.8	20
129	Anisotropic superconductivity in bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ca</mml:mi><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	19
130	Irreversible magnetic-field dependence of low-temperature heat transport of spin-ice compound Dy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ti<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow	1.1	19
131	Entropy of the quantum soliton lattice and multiple magnetization steps in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BiCu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">PO</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	1.1	19
132	Magnons and a two-component spin gap in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>FeV</mml:mi><mml:mn>2</mml:mn></mml:msub><mml mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	19
133	Lattice dynamics and thermal transport in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	1.1	19
134	Dipolar-octupolar Ising antiferromagnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>Sm</mml:mtext><mml:mn>2</mml:mn> : A moment fragmentation candidate. Physical Review B, 2018, 98, .	1.1	19
135	Lattice distortion effects on the frustrated spin-1 triangular-antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>A</mml:mi><mml:mn>3</mml:mn></mm mathvariant="normal">b</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi		

#	Article	IF	Citations
145	Short range ordering in the modified honeycomb lattice compound SrHo₂O₄. Journal of Physics Condensed Matter, 2011, 23, 164203.	0.7	16
146	Modification of magnetic anisotropy through<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi><mml:mo>â”</mml:mo><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:mrow></mml:math> in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.75</mml:mn></mml:mrow></mml:msub></mml:math>Pr<mml:math xmlns:mm	1.1	16
147	Isolation and expression studies of the ERD15 gene involved in drought-stressed responses. Genetics and Molecular Research, 2014, 13, 10852-10862.	0.3	16
148	Magnetic Field Induced Transition in Vanadium Spinels. Physical Review Letters, 2014, 112, 017207.	2.9	16
149	Quantum Versus Classical Spin Fragmentation in Dipolar Kagome Ice Ho3Mg2Sb3O14. Physical Review X, 2020, 10, .	2.8	16
150	Neutron scattering investigation of proposed Kosterlitz-Thouless transitions in the triangular-lattice Ising antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TmMgGaO</mml:mi><mml:mn>4</mml:mn></mml:msub> Physical Review B, 2021, 103, .	1.1	16
151	Multiple quantum phase transitions of different nature in the topological kagome magnet Co3Sn2â”xInxS2. Npj Quantum Materials, 2021, 6, .	1.8	16
152	Structural, electronic, and magnetic properties of nearly ideal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mrow><mml:mn> iridium halides. Physical Review Materials, 2020, 4, .	0.9	16
153	Evidence for two electronic phases inY1â”xLaxTiO3from thermoelectric and magnetic susceptibility measurements. Physical Review B, 2005, 71, .	1.1	15
154	Spin fluctuations in the antiferromagnetic metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Nb</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn> Physical Review B, 2009, 80, .	1.1	15
155	Physical properties of the low-dimensional compound GaMn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow>	1.1	15
156	Magnetic and structural phase transitions in the spinel compoundFe1+xCr2â”xO4. Physical Review B, 2014, 89, .	1.1	15
157	Low-temperature thermal conductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Dy</mml:mi><mml:mn>2</mml:mn></mml:msub> mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Yb</mml:mi><mml:mn>2</mml:mn></mml:msub>	1.1	15
158	Fragile singlet ground-state magnetism in the pyrochlore osmates<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>R</mml:mi><mml:mn>2</mml:mn></mml:msub> mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /O	1.1	15
159	Superdislocations and point defects in pyrochlore Yb2Ti2O7 single crystals and implication on magnetic ground states. Scientific Reports, 2018, 8, 17202.	1.6	15
160	Enhancement of thermal conductivity across the metal-insulator transition in vanadium dioxide. Applied Physics Letters, 2018, 113, 061902.	1.5	15
161	Coexistence of metallic and nonmetallic properties in the pyrochlore Lu2Rh2O7. Npj Quantum Materials, 2019, 4, .	1.8	15
162	Probing multiferroicity and spin-spin interactions via dielectric measurements on Y-dopedHoMnO3in high magnetic fields. Physical Review B, 2007, 75, .	1.1	14

#	Article	IF	Citations
163	Static Magnetic Order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Tb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Sn</mml:mi><mml:m mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>Revealed by Muon Spin Relaxation with Exterior Muon Implantation. Physical Review Letters, 2008, 101, 237201.	2.9	14
164	Absence of Spin Liquid Behavior inNd3Ga5SiO14Using Magneto-Optical Spectroscopy. Physical Review Letters, 2009, 103, 267402.	2.9	14
165	Inter- and intratrimer excitations in the multiferroicBa3NbFe3Si2O14. Physical Review B, 2010, 82, .	1.1	14
166	Rapidly fluctuating orbital occupancy above the orbital ordering transition in spin-gap compounds. Physical Review B, 2011, 83, .	1.1	14
167	Disorder-dependent superconducting phase diagram at high magnetic fields in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	14
168	Magnetic order and spin dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">OS	1.1	14
169	Effects of ... <mml:mi>A</mml:mi></mml:math>-site magnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mi mathvariant="normal">V</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi	1.1	14
170	Ferromagnetic superexchange in insulating<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Mo</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>by ... Physical Review B, 2015, 92, .	1.1	14
171	Field-Driven Quantum Criticality in the Spinel Magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>ZnCr</mml:mi></mml:mrow><mml:mrow><mml:mn>2 ... Physical Review Letters, 2018, 120, 147204.	2.9	14
172	Negative Thermal Expansion of Ni-Doped MnCoGe at Room-Temperature Magnetic Tuning. ACS Applied Materials & Interfaces, 2019, 11, 17531-17538.	4.0	14
173	Structural relationships between new carbide La14Sn(MnC6)3 and fully ordered La11(MnC6)3. Journal of Solid State Chemistry, 2010, 183, 2987-2994.	1.4	13
174	Dynamical spin-orbital correlations versus random singlets in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">CuSb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>investigated by magnetization and electron spin resonance. Physical Review B, 2014, 90, .	1.1	13
175	Unconventional magnetism in ThCr₂Si₂-type phosphides, La_{1â^'x}Nd_xCo₂P₂. Journal of Materials Chemistry C, 2014, 2, 7561.	2.7	13
176	Magnetic phases of the quasi-two-dimensional antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></m a triangular lattice. Physical Review B, 2016, 94, .	1.1	13
177	Graphene-loaded porous ZnCo2O4 nanosheets composite as counter electrode for dye-sensitized solar cells. Materials Letters, 2017, 207, 117-120.	1.3	13
178	X-ray diffraction, magnetic, and transport study of lattice instabilities and metal-insulator transition inCaV1â^'xTixO3(0â©½xâ©½0.4). Physical Review B, 2004, 69, .	1.1	12
179	Coexistence of two electronic phases inLaTiO3+Î´(0.01â©½Î´â©½0.12)and their evolution withÎ´. Physical Review B, 2005, 71, .	1.1	12
180	Intrinsic spin-disordered ground state of the Ising garnetHo3Ga5O12. Physical Review B, 2008, 78, .	1.1	12

#	Article	IF	Citations
181	Pb₃TeCo₃V₂O₁₄: A Potential Multiferroic Co Bearing Member of the Dugganite Series. Chemistry of Materials, 2012, 24, 664-670.	3.2	12
182	Large Positive Zero-Field Splitting in the Cluster Magnet Ba₃CeRu₂O₉. Journal of the American Chemical Society, 2019, 141, 9928-9936.	6.6	12
183	Magneto-transport evidence for strong topological insulator phase in ZrTe5. Nature Communications, 2021, 12, 6758.	5.8	12
184	The Jahn-Teller effect and electron-phonon interaction in La0.25Ca0.75Mn1-xCrxO3. Journal of Physics Condensed Matter, 2001, 13, 6195-6202.	0.7	11
185	Evidence that the upper critical field of Nb3Sn is independent of whether it is cubic or tetragonal. Applied Physics Letters, 2011, 99, .	1.5	11
186	High superconducting anisotropy and weak vortex pinning in Co-doped LaFeAsO. Physical Review B, 2012, 86, .	1.1	11
187	Spin-orbital liquid and quantum critical point in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow> Physical Review B, 2015, 91, .	1.1	11
188	Dual Orbital Degeneracy Lifting in a Strongly Correlated Electron System. Physical Review Letters, 2021, 126, 186402.	2.9	11
189	Evolution of magnetic field induced ordering in the layered quantum Heisenberg triangular-lattice antiferromagnet Ba3CoSb2O9. Physical Review B, 2021, 103, .	1.1	11
190	Anomalous magnetoresistance in centrosymmetric skyrmion-lattice magnet Gd₂PdSi₃. New Journal of Physics, 2020, 22, 083056.	1.2	11
191	Energy dissipation in Bi2Sr2CaCu2O8+Î´ single crystal. Physica C: Superconductivity and Its Applications, 2003, 386, 22-25.	0.6	10
192	Metal Site-Mediated, Thermally Induced Structural Changes in Cr⁶⁺-Silicalite-2 (MEL) Molecular Sieves. Inorganic Chemistry, 2012, 51, 2432-2437.	1.9	10
193	Study of atomic structure and electronic structure of an AAâ€²3B4O12 double-perovskite CaCu3Ir4O12 using STEM imaging and EELS techniques. Ultramicroscopy, 2013, 127, 94-99.	0.8	10
194	Magnetism and multiferroicity of an isosceles triangular lattice antiferromagnet Sr3NiNb2O9. Journal of Physics Condensed Matter, 2016, 28, 476004.	0.7	10
195	Incommensurate crystal supercell and polarization flop observed in the magnetoelectric ilmenite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MnTi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	1.1	10
196	Scaling of Memories and Crossover in Glassy Magnets. Scientific Reports, 2017, 7, 12053.	1.6	10
197	Comprehensive Electrical Control of Metamagnetic Transition of a Quasiâ€2D Antiferromagnet by In Situ Anisotropic Strain. Advanced Materials, 2020, 32, e2002451.	11.1	10
198	Suppressed-moment 2-k order in the canonical frustrated antiferromagnet Gd2Ti2O7. Npj Quantum Materials, 2021, 6, .	1.8	10

#	Article	IF	Citations
199	Low-temperature spin excitations in frustrated ZnCr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math> probed by high-field thermal conductivity. Physical Review B, 2013, 87, .	1.1	9
200	Magnetic structure and domain conversion of the quasi-2D frustrated antiferromagnet CuCrO2 probed by NMR. Journal of Experimental and Theoretical Physics, 2014, 119, 880-890.	0.2	9
201	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaSrVO</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:math>: A candidate for the spin-orbital liquid state. Physical Review B, 2014, 89, .	1.1	9
202	Anomalous bulk modulus in vanadate spinels. Physical Review B, 2016, 94, .	1.1	9
203	Evidence for the confinement of magnetic monopoles in quantum spin ice. Journal of Physics Condensed Matter, 2017, 29, 45LT01.	0.7	9
204	Clathrate BaNi₂P₄: An Interplay of Heat and Charge Transport Due to Strong Hostâ€“Guest Interactions. Chemistry of Materials, 2020, 32, 7932-7940.	3.2	9
205	Manganese tetraphenylporphyrin bromide and iodide. Studies of structures and magnetic properties. Polyhedron, 2020, 184, 114488.	1.0	9
206	Magnetic ordering in the Ising antiferromagnetic pyrochlore Nd₂ScNbO₇. Journal of Physics Condensed Matter, 2021, 33, 245802.	0.7	9
207	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>8</mml:mn></mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mn>24</mml:mn></mml:msub></mml:mrow></mml:math> : A model two-dimensional spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>5</mml:mn><mml:mn>2</mml:mn></mml:mfrac>	0.9	9
208	Realization of the orbital-selective Mott state at the molecular level in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>3</mml:mn> mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	0.9	9
209	Transport properties of La 1 - x Ca x MnO 3 (0.5 ? x < 1). European Physical Journal B, 2002, 26, 467-471.	0.6	8
210	The effect of Er doping on the multiferroics of Ho_{1â^'x}Er_xMnO₃. Journal of Physics Condensed Matter, 2008, 20, 035211.	0.7	8
211	Inhomogeneous magnetic cluster states in the magnetoresistance material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Lu</mml:mtext></mml:mrow><mml:mn>2</mml:mn> Physical Review B, 2010, 82, .	1.1	8
212	Spin dynamics of theS= 5/2 2D triangular antiferromagnet Ba3NbFe3Si2O14. Journal of Physics Condensed Matter, 2012, 24, 246001.	0.7	8
213	Spin-cluster excitations in the rare-earth kagome system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:mi>Si</mml:mi><mml:msub><mml:mi	1.1	8
214	Spectroscopic Evidence for Superexchange in the Ferrimagnetic Spinel FeCr₂S₄. Journal of Physical Chemistry C, 2017, 121, 22369-22376.	1.5	8
215	Absence of local fluctuating dimers in superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Ir</mml:mi><mml:mrow><mml:mn>1 Physical Review B, 2018, 97, .	1.1	8
216	Superconductivity in Metal-Rich Chalcogenide Ta₂Se. Inorganic Chemistry, 2020, 59, 5798-5802.	1.9	8

#	Article	IF	Citations
217	Spin Reorientation in Antiferromagnetic Layered FePt₅P. ACS Applied Electronic Materials, 2021, 3, 3501-3508.	2.0	8
218	Large spin-driven dielectric response and magnetoelectric coupling in the buckled honeycomb <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Nb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	0.9	8
219	Transport and magnetic properties in La0.7Ca0.3Mn1â^'xCuxO3. Materials Chemistry and Physics, 2002, 75, 140-143.	2.0	7
220	Magnetic field induced quantum phase transition of theS=12antiferromagnetK2NaCrO8. Physical Review B, 2010, 81, .	1.1	7
221	High-Pressure Synthesis, Structure, and Photoluminescence of a New KSbO₃-Type Bismuth Germanate Bi₃Ge₃O_{10.5}. Inorganic Chemistry, 2013, 52, 2138-2141.	1.9	7
222	Tuning the ferroelectric state in multiferroic TbMnO3 single crystal by a trapped-charge-induced internal electric field. Journal of Applied Physics, 2014, 116, .	1.1	7
223	Evolution of the magnetic and structural properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</m mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	7
224	Ferroelectricity in the gapless quantum antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>NH</mml:mtext><mml:mn>4</mml:mn> Physical Review B, 2015, 92, .	1.1	7
225	Magnetic ground states and magnetodielectric effect in RCr(BO3)2 (R=Y and Ho). Physical Review B, 2017, 95, .	1.1	7
226	Magnetoelastic coupling and the magnetization plateau in Ba3CoSb2O9. Physical Review B, 2019, 99, .	1.1	7
227	Probing magnetic symmetry in antiferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>4</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:mrow></mml:math> single crystals by linear magnetoelectric tensor. Physical Review B, 2021, 103, .	1.1	7
228	Quantum spin state transitions in the spin-1 equilateral triangular lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2021, 104, .	1.2	7
229	Modification of spin-ice physics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ho</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math> thin films. Physical Review Materials, 2019, 3, .	0.9	7
230	Amplitude modes in three-dimensional spin dimers away from quantum critical point. Physical Review Research, 2019, 1, .	1.3	7
231	Electron magnetic resonance studies of the Pr3Ga5SiO14 and Nd3Ga5SiO14 kagomÃ© systems. Journal of Applied Physics, 2011, 109, .	1.1	6
232	Electronic structure and magnetic symmetry in MnTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>analyzed by second harmonic generation. Physical Review B, 2013, 87, .	1.1	6
233	[illegible] transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>M</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>IrTe xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 92 Td (xmlns:mml="htt	1.1	6
234	Phase diagram and magnetic structures of the Co-bearing dugganites Pb₃TeCo₃A₂O₁₄(A = V, P). Journal of Physics Condensed Matter, 2013, 25, 246004.	0.7	6

#	Article	IF	Citations
235	Microwave-induced excitations in the kagome system Pr3Ga5SiO14. Physical Review B, 2013, 88, .	1.1	6
236	Magnetoelectric coupling tuned by competing anisotropies in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Ni</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="normal">TiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	1.1	6
237	Thermal Fatigue Resistance of Bionic Compacted Graphite Cast Iron Treated with the Twice Laser Process in Water. Strength of Materials, 2015, 47, 170-176.	0.2	6
238	Nuclear and magnetic supercells in the multiferroic candidate: Pb3TeMn3P2O14. Journal of Solid State Chemistry, 2015, 221, 216-223.	1.4	6
239	Magnetic and electric properties of triangular lattice antiferromagnets Ba3ATa2O9 (A= Ni and Co). Materials Research Bulletin, 2017, 88, 308-314.	2.7	6
240	Ferroelectricity of structural origin in the spin-chain compounds Ca3Co2â^'xMnxO6. Physical Review B, 2017, 96, .	1.1	6
241	Structural, magnetic and dielectric properties of BaFe2Se3 crystals. Europhysics Letters, 2019, 126, 27005.	0.7	6
242	rmc-discord: reverse Monte Carlo refinement of diffuse scattering and correlated disorder from single crystals. Journal of Applied Crystallography, 2021, 54, 1867-1885.	1.9	6
243	Anisotropic magnetic transport properties and ESR spectra in a tri-layered epitaxial thin-film manganite La2.1Ca1.9Mn3O10. Journal of Physics Condensed Matter, 2002, 14, 211-217.	0.7	5
244	NMR study of. Physica B: Condensed Matter, 2010, 405, 390-393.	1.3	5
245	Metamagnetic transition in single-crystal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub> Physical Review B, 2010, 82, .	1.1	5
246	Magnetic transitions and magnetodielectric effect in antiferromagnet SrNdFeO4. Physical Review B, 2012, 85, .	1.1	5
247	Complex long-range magnetic ordering in the Mn-bearing dugganite Pb3TeMn3P2O14. Journal of Solid State Chemistry, 2013, 204, 102-107.	1.4	5
248	Structural and magnetic properties in the quantum<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn> system Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

#	Article	IF	Citations
253	Asymmetric ferromagnetic criticality in pyrochlore ferromagnet Lu2V2O7. Science Bulletin, 2019, 64, 1222-1227.	4.3	5
254	High-Pressure Routes to New Pyrochlores and Novel Magnetism. Inorganics, 2019, 7, 49.	1.2	5
255	Current-induced CrI₃surface spin-flop transition probed by proximity magnetoresistance in Pt. 2D Materials, 2020, 7, 045006.	2.0	5
256	Effective point-charge analysis of crystal fields: Application to rare-earth pyrochlores and tripod kagome magnets <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub><mml:mi>Mg</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:mi>Sb</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:msub><mml:mro	1.3	5
257	Magnetoresistance in La1â^'xCaxMnO3 (0â‰¤x<0.4). Solid State Communications, 2003, 128, 171-176.	0.9	4
258	Magnetism of Rareâ€Earth Cobalt Phosphides GdCo₃P₂ and GdCo₅P₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2013-2017.	0.6	4
259	Direct measurement of the spin gap in a quasi-one-dimensional clinopyroxene:NaTiSi2O6. Physical Review B, 2014, 90, .	1.1	4
260	Thermal fatigue resistance of H13 die steel repaired by partial laser surface remelting process. Materials Science and Technology, 2014, 30, 355-362.	0.8	4
261	Effects of laser carburised striation units on rail steel fatigue wear. Materials Science and Technology, 2017, 33, 114-120.	0.8	4
262	Determination of thermal expansion of KCaI3 using in-situ high temperature powder X-ray diffraction. Materials Chemistry and Physics, 2018, 212, 161-166.	2.0	4
263	Frustration-free spatially anisotropic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml: square-lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ni</mml:mi><mml:mo>[</mml	1.1	4
264	Charge density wave modulation in superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BaPb</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow><mml:mo>/</mml:mo><mml:mrow><mml:mi>Ba mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> superlattices. Physical Review B, 2020, 101, .	1.1	4
265	Dynamical ground state in the XY pyrochlore Yb2GaSbO7. Npj Quantum Materials, 2021, 6, .	1.8	4
266	Experimental evidence for a valence-bond glass in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:msup><mml:mi>d</mml:mi><mml:mn double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2021, 103, .	1.1	4
267	Freezing of a Disorder Induced Spin Liquid with Strong Quantum Fluctuations. Physical Review Letters, 2021, 127, 017201.	2.9	4
268	Magnetic order and spin liquid behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mo>[</mml:mo><mml:msub><mml:mrow molecular magnets. Physical Review Materials, 2022, 6, .	0.9	4
269	Successive Phase Transitions and Multiferroicity in Deformed Triangular-Lattice Antiferromagnets Ca₃MNb₂O₉ (M=Co, Ni) with Spatial Anisotropy. ECS Journal of Solid State Science and Technology, 2022, 11, 063004.	0.9	4
270	Controllable Emergent Spatial Spin Modulation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml: by In Situ Shear Strain. Physical Review Letters, 2022, 129, .	2.9	4

#	Article	IF	Citations
271	Doping through the percolation limit in GeNi2â^'xCoxO4. Journal of Physics Condensed Matter, 2007, 19, 156202.	0.7	3
272	Floating zone crystal growth and structural distortion of Pb2V3O9. Journal of Crystal Growth, 2011, 321, 120-123.	0.7	3
273	Nonmagnetic impurity effects in the decorated shastry-sutherland compound Cd(Cu1â^'x Zn x)2(BO3)2 (0 â‰¤ x â‰¤ 0.2). Journal of the Korean Physical Society, 2013, 63, 1028-1033.	0.3	3
274	Observation of magnetic polarons in the magnetoresistive pyrochlore Lu₂V₂O₇. Journal of Physics Condensed Matter, 2013, 25, 115601.	0.7	3
275	Electronic transport in the ferromagnetic pyrochlore <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi	1.1	3
276	Crystal structure and partial ising-like magnetic ordering of orthorhombic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">D</mml:mi><mml:msub><mml:mi mathvariant="normal">y</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	1.1	3
277	Canted magnetic ground state of quarter-doped manganitesR0.75Ca0.25MnO3(Râ€‰â€‰=â€‰â€‰Y, Tb, Dy, Ho, and Er). Journal of Physics Condensed Matter, 2017, 29, 065802.	0.7	3
278	Epitaxial Fe Thin Films on {100} Y2Ti2O7: Model Interfaces for Nano-Oxide Dispersion Strengthened Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 5658-5666.	1.1	3
279	Structural and magnetic short-range order in fluorite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Yb</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2017, 96, .	1.1	3
280	Evidence for negative thermal expansion in the superconducting precursor phase SmFeAsO. Journal of Physics Condensed Matter, 2018, 30, 095601.	0.7	3
281	Extremely slow nonequilibrium monopole dynamics in classical spin ice. Physical Review B, 2020, 101, .	1.1	3
282	Self-organization of various â€œphase-separatedâ€•nanostructures in a single chemical vapor deposition. Nano Research, 2020, 13, 1723-1732.	5.8	3
283	High pressure synthesis and characterization of the pyrochlore Dy2Pt2O7: A new spin ice material. Chinese Physics B, 2020, 29, 047502.	0.7	3
284	Complex antiferromagnetic order in the garnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:msub><mml:mi mathvariant="normal">l</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">S	1.1	3
285	Naturally tuned quantum critical point in the S=1 kagomÃ© YCa3(VO)3(BO3)4. Physical Review Materials, 2018, 2, .	0.9	3
286	Real-space magnetic imaging of the multiferroic spinels <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnV</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:ma. Physical	0.9	3
287	Absence of long-range order in an XY pyrochlore antiferromagnet Er2AlSbO7. Physical Review Materials, 2020, 4, .	0.9	3
288	Quantum Effect on the Ground State of the Triple-Perovskite Ba₃MNb₂O₉ (M = Co, Ni, and Mn) with Triangular-Lattice. Chemistry of Materials, 0, , .	3.2	3

#	Article	IF	Citations
289	The second magnetization step in Bi2Sr2CaCu2O8$plus$$delta$ single crystals. Superconductor Science and Technology, 2002, 15, 1068-1070.	1.8	2
290	Magnetodielectric anisotropy study of multiferroicity in Y-doped hexagonal HoMnO3. Journal of Applied Physics, 2008, 103, .	1.1	2
291	Competition between the inter- and intra-sublattice interactions inYb2V2O7. Physical Review B, 2015, 91, .	1.1	2
292	Pulsed field magnetization in rare-earth kagome systems. Journal of Physics Condensed Matter, 2016, 28, 046001.	0.7	2
293	Magnetic properties of the low-dimensional BaM2Si2O7 system (M=Cu,ÂCo,ÂMn). Physical Review B, 2019, 100, .	1.1	2
294	Magnetic field induced phase transition in spinel GeNi2O4. Physical Review B, 2020, 102, .	1.1	2
295	High-field magnetic structure of the triangular antiferromagnet RbFe(MoO4)2. Physical Review B, 2022, 105, .	1.1	2
296	Extremely low-energy collective modes in a quasi-one-dimensional topological system. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	2
297	Magnetic field tuning of crystal field levels and vibronic states in the spin ice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ho</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>7</mml:mn></mml:msub></mml:math> observed with far infrared reflectometry. Physical Review B, 2022, 105, .	1.1	2
298	Investigation of the monopole magneto-chemical potential in spin ices using capacitive torque magnetometry. Nature Communications, 2022, 13, .	5.8	2
299	Raman spectrum and ESR of Pr0.5Ca0.4Sr0.1MnO3. Solid State Communications, 2002, 124, 83-87.	0.9	1
300	Probing multiferroicity and spin-spin interactions via angular dependent dielectric measurements on Y-doped HoMnO3 in high magnetic fields. Journal of Applied Physics, 2007, 101, 09M102.	1.1	1
301	Surface reconstruction of hexagonal Y-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>HoMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	1
302	Short-range magnetic interactions and optical band-edge physics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>	1.1	1
303	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">SrCu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn>< Direct and real time probe of photoinduced structure transition in colossal magnetoresistive material. Applied Physics Letters, 2016, 109, 041905.	1.5	1
304	Three-dimensional magnetic interactions in quasi-two-dimensional PdAs₂O₆. Journal of Physics Condensed Matter, 2017, 29, 235801.	0.7	1
305	Multiferroicity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> tested by electron spin resonance. Physical Review B, 2018, 97, .	1.1	1
306	B-site Cation Ordering in BaaMnNbiO by Atomic Resolution HAADF-STEM and Their Valence State by EELS. Microscopy and Microanalysis, 2018, 24, 146-147.	0.2	1

#	Article	IF	Citations
307	Orbital competition of Mn³⁺ and V³⁺ ions in Mn_{1+x}V_{2-x}O₄. Journal of Physics Condensed Matter, 2021, 33, 134002.	0.7	1
308	Closing the spin gap of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mm mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></r through chemical substitution. Physical Review Materials, 2021, 5, .	0.9	1
309	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.4	1
310	Domain Wall Patterning and Giant Response Functions in Ferrimagnetic Spinels. Advanced Science, 2021, 8, 2101402.	5.6	1
311	Magnetoelectric effect arising from a field-induced pseudo Jahn-Teller distortion in a rare-earth magnet. Physical Review Materials, 2020, 4, .	0.9	1
312	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.4	1
313	Non-magnetic ion site disorder effects on the quantum magnetism of a spin-1/2 equilateral triangular lattice antiferromagnet. Journal of Physics Condensed Matter, 2022, 34, 205401.	0.7	1
314	Anticollinear order and degeneracy lifting in square lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaSrCrO</mml:mi><mml:mn>4</mml:mn></mml:msub>< Physical Review B, 2022, 105, .	1.1	1
315	Magnetic Field Dependence of Penetration Depth of Optimally Doped Bi2Sr2CaCu2O8+? Single Crystal. Physica Status Solidi (B): Basic Research, 2001, 228, 711-716.	0.7	0
316	Optimum design of the node ball clamping device based on improved genetic algorithm. , 2011, , .		0
317	Crystal-field excitations in multiferroic TbMnO3by Mn L3 and OKresonant inelastic X-ray scattering. Journal of Applied Physics, 2017, 122, 194101.	1.1	0
318	Variable temperature X-ray diffraction and high field EPR study of phase transition in multiferroic mixed ammonium peroxychromates, Rb1.36 (NH4)1.64Cr(O2)4. Materials Research Bulletin, 2018, 107, 41-45.	2.7	0
319	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	1.2	0
320	Magnetic moment fragmentation in Nd2ScNbO7. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a92-a92.	0.0	0
321	Effects of Dietary Fiber on Growth Performance, Fat Deposition, Fat Metabolism, and Expression of Lipoprotein Lipase Mrna in Two Breeds of Geese. Brazilian Journal of Poultry Science, 2021, 23, .	0.3	0
322	The Transport Properties of Quasiâ€“One-Dimensional Ba3Co2O6(CO3)0.7. Frontiers in Physics, 2021, 9, .	1.0	0
323	Temperature-induced valence-state transition in double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>2</m Physical Review Materials, 2022, 6, .	0.9	0